

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 373 AMENDMENT	740-839-40-12-89 01	

TASK TITLE: (NTE 80 characters; include Project name)

GLAST Electrical Systems Services

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Roger Stone <i>Roger E. Stone</i>		565	565	301-286-1313
BRANCH HEAD	DATE	CODE		PHONE
Paul Bryant <i>Paul J. Bryant</i>	9/15/00	565		301-286-7549
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Robert Lebar <i>Robert Lebar</i>	9/20/00	560		301-286-6588
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
[x] NO [] YES				

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reqs and Certs.	(To be completed by Contracting Officer) C.O. Requested Quote on: Date: SEP 20 2000
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Contractor will develop specification or statement of work under this task for a future procurement.	[x] No [] YES
Flight hardware will be shipped to GSFC for testing prior to final delivery.	[] No [] YES [x] N/A
Government Furnished Property/Facilities:	[x] No [] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)
Onsite Performance:	[] NO [x] YES If yes: [x] TOTAL [] Partial If partial, indicate onsite work in SOW by asterisk (*)
Surveillance Plan Attached:	[x] No [] YES
Highlighted Contract Clauses:	(to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 10/1/00.

INCENTIVE FEE STRUCTURE (check one) (See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 121,304.

The target fee of this task order is \$ 7,885.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 129,189.

The maximum fee is \$ 11,524.

The minimum fee is \$0.

AUTHORIZED SIGNATURE: <i>Elizabeth J. Austin</i> SIGNATURE OF CONTRACTING OFFICER	DATE 10/23/00	ELIZABETH J. AUSTIN CONTRACTING OFFICER TYPED NAME OF CONTRACTING OFFICER
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CONTRACTOR'S ACCEPTANCE:	
AUTHORIZED SIGNATURE	DATE

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Applicable paragraphs from contract Statement of Work: Function 2 B, C and Function 5 A

STATEMENT OF WORK:

The contractor shall perform specific electrical systems engineering activities including:

1. Conducting design and trade studies for Spacecraft electrical segments and ground segments.
2. Reviewing and analyzing electrical design interfaces for the Spacecraft.
3. Monitoring external interface documentation and requirements.
4. Conducting and documenting internal electrical design reviews.
5. Attending technical design reviews and meetings, and submitting recommendations and comments.
6. Preparing and presenting technical information and recommendations.
7. Prepare a detailed review of the Project elements and develop the EMI Requirements for the Project.
Work with Instrument scientists and designers to determine Instrument EMI susceptibilities.
Tailor the EMI Requirements accordingly.
8. Perform magnetic properties analyses of the spacecraft and the Instruments.
9. Reviewing technical specifications, test plans, test procedures and submitting comments and recommendations.
10. Evaluating the results of the Spacecraft studies conducted through the Rapid Spacecraft Acquisition contracts and providing comments and recommendations.
11. Reviewing and analyzing Spacecraft to Electrical Ground Support Equipment interface requirements.

PERFORMANCE SPECIFICATIONS:

Reports and Documents: Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity. Reports shall contain subjects, references, attachments as necessary, background information, issues, technical analysis or reviews, conclusions, recommendations, and options as necessary. More extensive reports shall contain indexes, figures, and data necessary to make the report complete. Reports shall be delivered to the ATR both as a hard copy and in MS Word format via either diskette or email.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

APPLICABLE DOCUMENTS:

GLAST Science Instrument - Spacecraft Interface Requirements Document
GLAST Mission System Specification
GLAST Mission Assurance Requirements
GLAST Spacecraft Performance Specification
GLAST Design Study Report

TASK END DATE: 9/30/01

MILESTONES/DELIVERABLES AND DATES:

Report: Status on Engineering Activities and Analysis -- Monthly
Report: GLAST Preliminary EMI Requirements Document -- November 30, 2000
Report: GLAST EMI Requirements Document -- July 15, 2001
Report: Technical Progress Report -- Monthly, 15th of the month

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the deliverables/milestones
Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Roger Stone, building 20, room 1H